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RAW SEQUENCE LISTING   DATE: 10/12/2001
PATENT APPLICATION: US/09/837,306   TIME: 12:07:12

Input Set : **A:\Dyax002.app**
Output Set: **N:\CRF3\10122001\I837306.raw**

```
 3 <110> APPLICANT: LADNER, ROBERT C.
 4        COHEN, EDWARD H.
 5        NASTRI, HORACIO G.
 6        ROOKEY, KRISTIN L.
 7        HOET, RENE
 9 <120> TITLE OF INVENTION: NOVEL METHODS OF CONSTRUCTING LIBRARIES OF GENETIC
10        PACKAGES THAT COLLECTIVELY DISPLAY THE MEMBERS OF A
11        DIVERSE FAMILY OF PEPTIDES, POLYPEPTIDES OR PROTEINS
13 <130> FILE REFERENCE: DYAX/002
15 <140> CURRENT APPLICATION NUMBER: 09/837,306
16 <141> CURRENT FILING DATE: 2001-09-24
18 <150> PRIOR APPLICATION NUMBER: 60/198,069
19 <151> PRIOR FILING DATE: 2000-04-17
21 <160> NUMBER OF SEQ ID NOS: 428
23 <170> SOFTWARE: PatentIn Ver. 2.1
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 17
27 <212> TYPE: DNA
28 <213> ORGANISM: Artificial Sequence
30 <220> FEATURE:
31 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
32        oligonucleotide
34 <400> SEQUENCE: 1
35 catgtgtatt actgtgc                                                    17
38 <210> SEQ ID NO: 2
39 <211> LENGTH: 44
40 <212> TYPE: DNA
41 <213> ORGANISM: Artificial Sequence
43 <220> FEATURE:
44 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
45        oligonucleotide
47 <400> SEQUENCE: 2
48 cacatccgtg cttcttgcac ggatgtggca cagtaataca catg                      44
51 <210> SEQ ID NO: 3
52 <211> LENGTH: 18
53 <212> TYPE: DNA
54 <213> ORGANISM: Artificial Sequence
56 <220> FEATURE:
57 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
58        oligonucleotide
60 <400> SEQUENCE: 3
61 gtgtattaga ctgctgcc                                                   18
64 <210> SEQ ID NO: 4
65 <211> LENGTH: 43
66 <212> TYPE: DNA
67 <213> ORGANISM: Artificial Sequence
69 <220> FEATURE:
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C--> (line 16)

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P. 5

RAW SEQUENCE LISTING   DATE: 10/12/2001
PATENT APPLICATION: US/09/837,306   TIME: 12:07:12

Input Set : **A:\Dyax002.app**
Output Set: **N:\CRF3\10122001\I837306.raw**

70 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
71   oligonucleotide
73 <400> SEQUENCE: 4
74 ggcagcagtc taatacacca catccgtgtt cttcacggat gtg   43
77 <210> SEQ ID NO: 5
78 <211> LENGTH: 47
79 <212> TYPE: DNA
80 <213> ORGANISM: Artificial Sequence
82 <220> FEATURE:
83 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
84   oligonucleotide
86 <400> SEQUENCE: 5
87 cacatccgtg tttgttacac ggatgtggtg tcttacagtc cattctg   47
90 <210> SEQ ID NO: 6
91 <211> LENGTH: 20
92 <212> TYPE: DNA
93 <213> ORGANISM: Artificial Sequence
95 <220> FEATURE:
96 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
97   oligonucleotide
99 <400> SEQUENCE: 6
100 cagaatggac tgtaagacac   20
103 <210> SEQ ID NO: 7
104 <211> LENGTH: 43
105 <212> TYPE: DNA
106 <213> ORGANISM: Artificial Sequence
108 <220> FEATURE:
109 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
110   oligonucleotide
112 <400> SEQUENCE: 7
113 atcgagtctc actgagccac atccgtggtt ttccacggat gtg   43
116 <210> SEQ ID NO: 8
117 <211> LENGTH: 17
118 <212> TYPE: DNA
119 <213> ORGANISM: Artificial Sequence
121 <220> FEATURE:
122 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
123   oligonucleotide
125 <400> SEQUENCE: 8
126 gctcagtgag actcgat   17
129 <210> SEQ ID NO: 9
130 <211> LENGTH: 19
131 <212> TYPE: DNA
132 <213> ORGANISM: Artificial Sequence
134 <220> FEATURE:
135 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
136   oligonucleotide
138 <400> SEQUENCE: 9
139 atgaccgaat tgctacaag   19

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143 <211> LENGTH: 46
144 <212> TYPE: DNA
145 <213> ORGANISM: Artificial Sequence
147 <220> FEATURE:
148 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
149      oligonucleotide
151 <400> SEQUENCE: 10
152 gactcctcag cttcttgctg aggagtcctt gtagcaattc ggtcat               46
155 <210> SEQ ID NO: 11
156 <211> LENGTH: 30
157 <212> TYPE: DNA
158 <213> ORGANISM: Artificial Sequence
160 <220> FEATURE:
161 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
162      oligonucleotide
164 <400> SEQUENCE: 11
165 acctcactgg cttccggatt cactttctct                                 30
168 <210> SEQ ID NO: 12
169 <211> LENGTH: 42
170 <212> TYPE: DNA
171 <213> ORGANISM: Artificial Sequence
173 <220> FEATURE:
174 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
175      oligonucleotide
177 <400> SEQUENCE: 12
178 agaaacccac tccaaacctt taccaggagc ttggcgaacc ca                   42
181 <210> SEQ ID NO: 13
182 <211> LENGTH: 51
183 <212> TYPE: DNA
184 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
187 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
188      oligonucleotide
190 <400> SEQUENCE: 13
191 ggaaggcagt gatctagaga tagtgaagcg acctttaacg gagtcagcat a         51
194 <210> SEQ ID NO: 14
195 <211> LENGTH: 23
196 <212> TYPE: DNA
197 <213> ORGANISM: Artificial Sequence
199 <220> FEATURE:
200 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
201      oligonucleotide
203 <400> SEQUENCE: 14
204 ggaaggcagt gatctagaga tag                                        23
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208 <211> LENGTH: 24
209 <212> TYPE: DNA
210 <213> ORGANISM: Artificial Sequence
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212 <220> FEATURE:
213 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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216 <220> FEATURE:
217 <221> NAME/KEY: modified base
218 <222> LOCATION: (11)..(24)
219 <223> OTHER INFORMATION: a, t, c, g, other or unknown
221 <400> SEQUENCE: 15
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W--> 222 cacggatgtg nnnnnnnnnn nnnn   24
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227 <212> TYPE: DNA
228 <213> ORGANISM: Artificial Sequence
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231 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
232       oligonucleotide
234 <220> FEATURE:
235 <221> NAME/KEY: modified base
236 <222> LOCATION: (1)..(14)
237 <223> OTHER INFORMATION: a, t, c, g, other or unknown
239 <400> SEQUENCE: 16
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243 <210> SEQ ID NO: 17
244 <211> LENGTH: 14
245 <212> TYPE: DNA
246 <213> ORGANISM: Artificial Sequence
248 <220> FEATURE:
249 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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252 <400> SEQUENCE: 17
253 gtgtattact gtgc                                                  14
256 <210> SEQ ID NO: 18
257 <211> LENGTH: 34
258 <212> TYPE: DNA
259 <213> ORGANISM: Artificial Sequence
261 <220> FEATURE:
262 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
263       oligonucleotide
265 <400> SEQUENCE: 18
266 cacatccgtg cacggatgtg gcacagtaat acac                            34
269 <210> SEQ ID NO: 19
270 <211> LENGTH: 14
271 <212> TYPE: DNA
272 <213> ORGANISM: Artificial Sequence
274 <220> FEATURE:
275 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
276       oligonucleotide
278 <400> SEQUENCE: 19
279 gtgtattaga ctgc                                                  14
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283 <211> LENGTH: 34
284 <212> TYPE: DNA
285 <213> ORGANISM: Artificial Sequence
287 <220> FEATURE:
288 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
289       oligonucleotide
291 <400> SEQUENCE: 20
292 gcagtctaat acaccacatc cgtgcacgga tgtg                              34
295 <210> SEQ ID NO: 21
296 <211> LENGTH: 34
297 <212> TYPE: DNA
298 <213> ORGANISM: Artificial Sequence
300 <220> FEATURE:
301 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
302       oligonucleotide
304 <400> SEQUENCE: 21
305 cacatccgtg cacggatgtg gtgtcttaca gtcc                              34
308 <210> SEQ ID NO: 22
309 <211> LENGTH: 14
310 <212> TYPE: DNA
311 <213> ORGANISM: Artificial Sequence
313 <220> FEATURE:
314 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
315       oligonucleotide
317 <400> SEQUENCE: 22
318 ggactgtaag acac                                                    14
321 <210> SEQ ID NO: 23
322 <211> LENGTH: 34
323 <212> TYPE: DNA
324 <213> ORGANISM: Artificial Sequence
326 <220> FEATURE:
327 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
328       oligonucleotide
330 <400> SEQUENCE: 23
331 gagtctcact gagccacatc cgtgcacgga tgtg                              34
334 <210> SEQ ID NO: 24
335 <211> LENGTH: 14
336 <212> TYPE: DNA
337 <213> ORGANISM: Artificial Sequence
339 <220> FEATURE:
340 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
341       oligonucleotide
343 <400> SEQUENCE: 24
344 gctcagtgag actc                                                    14
347 <210> SEQ ID NO: 25
348 <211> LENGTH: 14
349 <212> TYPE: DNA
350 <213> ORGANISM: Artificial Sequence
```

Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY
DATE: 10/12/2001
PATENT APPLICATION: US/09/837,306
TIME: 12:07:13

Input Set : **A:\Dyax002.app**
Output Set: **N:\CRF3\10122001\I837306.raw**

```
L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:222 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:240 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:2891 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:203
L:2892 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:203
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